PostScript 225

Some authors found that the longest delay was the time at the laboratory⁵ as in case 1. (The mother was negative in the first trimester of pregnancy, became positive in the late third trimester, but the results came too late—after delivery.) Improved laboratory services will solve this problem.

Patients have often been treated by nonvenereologists without contact tracing, like the father of case 1, and his diagnosis and therapy were not adequate. With regard to confidentiality patients often receive non-professional treatment or undergo self treatment.

Unfortunately, the difficulty in dealing with patients having a poor educational background and insufficient sexual knowledge results in the impossibility to find all the sources of infection. The parents of patient 2 did not seek medical help, although the father had penis lesion. The mother did not visit a doctor after she was pregnant. Even her labour was at home, as it was in the mother of case 4.

Another big problem is prostitution, which is not legal and cannot be controlled in our country. The mothers of patients 3 and 4 were prostitutes, who did not seek medical assistance at all.

More than half of our patients are unable to indicate the name or address of the contacts (the father of case 1 and the mothers of cases 2, 3, 4), thus demonstrating the high frequency of occasional sexual contacts and the lack of protective measures.

The government health system has existed in Bulgaria for more than 50 years but social and economic changes require a new insurance system and new approaches concerning STDs. The system for notification of STD patients should be improved in order to ensure a higher confidentiality. The reported cases also emphasise the necessity of cooperation between dermatologists, obstetricians, neonatologists, and paediatricians.

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Condom access does not ensure condom use: you've got to be putting me on

Approximately 15 million incident cases of sexually transmitted infections (STIs) occur in the United States each year.¹ These figures are troubling given the availability of primary prevention measures that sexually active people can use to avoid unprotected intercourse, including latex condoms.² Although considerable attention has focused on making condoms widely available, surprisingly little research¹ has examined whether condom availability is sufficient to ensure condom use.

We recruited a convenience sample of 98 male students through advertisements posted on two Georgia university campuses to evaluate sexual risk taking behaviour. Men were required to be aged 18−29 years, full time students, and to have used condoms for ≥5 episodes of vaginal intercourse. After providing written informed consent, eligible men participated in a standardised interview about their experiences with condoms. The study was approved by the institutional review board of Emory University.

The 98 respondents averaged 22 years of age (SD 3). Sixty four (65%) were white, 27 (28%) were African-American, five (5%) were Asian American, and two (2%) were of mixed race. Men reported a mean of 18 lifetime sex partners (median 8 partners, range 1–150); most (96%) reported having vaginal intercourse during the previous year. Eighty five men (87%) used condoms because of concern about acquiring STIs; of these, most men were also concerned about pregnancy.

However, 73 men (74%) reported having vaginal sex without a condom when they "felt one should have been used" to protect against pregnancy and/or infection (median lifetime number of times without condom 8; range 1-450). Among men acknowledging unsafe sex, 42 (58%) admitted ever having unprotected intercourse despite ready access to condoms "within the same room" (median 5 times; range 1-300). Overall, condoms, although readily accessible, were not used in more than one third (37%) of lifetime acts of intercourse where risk of pregnancy or infection was perceived (832 of 2254 acts). Reasons for men's most recent failure to use condoms, despite accessibility, included unwillingness to interrupt foreplay (48%), fear of loss of sensation or erection (17%), and inebriation

Among all 98 participants, 58 men (59%) also reported occasions in which they intended to use a condom, only to find that they did not have a condom with them. At the most recent occasion when condoms were not available, 34 men (58%) chose to have unprotected intercourse. The remaining 24 men (42%) elected to abstain from intercourse and instead participated in non-penetrative sexual activities posing less risk for STI acquisition, or waited until a condom could be obtained.

Despite the small size and self selected nature of our population, these findings point to formidable barriers to "safer sex," at least in this heterosexual setting. Condom availability did not ensure condom use, even when condoms were needed. Similarly, the lack of availability of condoms did not deter most men from having intercourse. Avoiding sexual intercourse with an infected partner is the most effective way to prevent STIs.² However, for sexually active people, condoms can only reduce the risk of infection when they are both readily available and actually put on.⁵ 6

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Contributors

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Resolution of the recent performance problem of Abbott LCx Chlamydia trachomatis assay. Issues of repeat testing for confirmation of chlamydial infection

In February 2001, Abbott Laboratories issued a device correction notice to users of their LCx *Chlamydia trachomatis* assay suggesting that initially reactive ligase chain reaction (LCR) tests should be repeated on the same sample to validate the test result. A recent alert (December 2001) from the Medical Devices Agency (MDA, DA2001(09)) indicates that the device correction is still in force and points out the resource implications where retesting is required. We offer some data on LCR performance characteristics during this period and before.